

## NINE Technical Workshop Agenda (7/24/08 version)

Tuesday, July 29<sup>th</sup> – Albuquerque Marriott Hotel, Louisiana and I-40

- 2:00 PM Introduction to the NINE Technical Workshop – Duane Dimos, Regan Stinnett
- 2:30 PM Presentations on Sandia/Univ strength areas (6 presentations, 20 min each)
- Nanoscale Modeling & Simulation: Impact on Nano-Engineering - Randy Schunk
  - Self-assembly and Surface Functionality – Jeff Brinker
  - Micro-Nano Sensors & Actuators for Use in Extreme Environments – Bruce Tuttle
  - Soft Nanomaterials, Nano-composites, and Interfaces – Erik Spoerke
  - Characterization of Nanomaterials, Reliability and Failure – Brian Swartzentruber
  - Nano-catalysis and Sunshine to Petrol – Rick Kemp
- 4:45 PM Posters on strength areas for Sandia and Universities
- All of the above plus the following:
- Electronics & Optoelect. of Nanowires, Nanotubes, & Patterned Material – Alec Talin
  - Nanoscale Electrochemistry for Energy and Energy Storage – Kevin Zavidil
  - Nanocrystalline Bulk and Thin Film Materials: Experiment and Modeling – Liz Holm
  - Micro and Nano Photonics, Quantum Information Processing – Jim Hudgens
  - Nano-Engineering for Solid State Lighting – Mary Crawford
  - Microsensors and Sensored Microsystems – Richard Cernosek
  - Next Generation Photovoltaics – Julia Hsu
  - University posters on their strength areas
- 5:30 PM Discuss areas of high interest – suggest Headline Projects
- 6:00 PM Adjourn
- 6:30 PM Dinner at Bravo Restaurant (for Industry and University partners only)

Wednesday, July 30<sup>th</sup> – Marriott Hotel

- 8:00 AM Continental Breakfast and Posters
- 8:30 AM Recap interest areas and Headline Project suggestions – Regan Stinnett
- 8:45 AM NINE Vision – Rick Stulen, VP, Sandia Science and Technology
- 9:30 AM Industry and University partner perspectives
- 10:15 AM Industry partners identify 5-7 potential Headline Projects for FY09
- 11:00 AM Cycle 1 - break into focus groups to better define half of the projects
- 12:00 PM Lunch
- 1:00 PM Cycle 2 – break into focus groups to better define the rest of the projects
- 2:15 PM Reports from each group given by its industry sponsor – complete templates
- 3:30 PM Priority discussions - based on fit with technical strengths, interests
- 4:30 PM Interested industry, Sandia, and university participants work out a path forward to a proposal for each selected Headliner Project
- 5:15 PM Wrap-up and adjourn
- 6:00- 7:00 Reception with NINE students – Marriott Hotel Terrace
- 7:00-9:00 NINE Governing Board Meeting and Dinner – Marriott Hotel Taos Room